



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

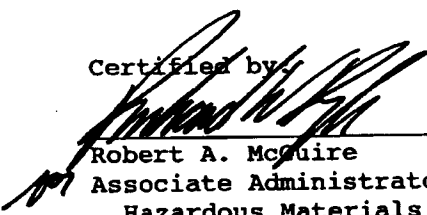
IAEA CERTIFICATE OF COMPETENT AUTHORITY
SPECIAL FORM RADIOACTIVE MATERIALS
CERTIFICATE NUMBER USA/0366/S, REVISION 4

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive materials.

1. Source Identification - Gammatron Model GT-GHP.
2. Source Description - The source described by this certificate is a welded double encapsulation constructed of K-Monel 500 (USN N05500) or Armco 17-4 (USN S17400). It measures 6.35 mm (0.25") in diameter and ranges between 12.7 mm (0.5") and 31.75 mm (1.25") in length. Construction must be in accordance with Gammatron Inc. Drawing No. A-3000 (attached).
3. Radioactive Contents - This source consists of not more than 0.037 TBq (1 Ci) of Cs-137 as glass microspheres, 0.037 TBq (1 Ci) of Co-60 as metallic pellets or wire, or 0.0037 TBq (0.100 Ci) of Cf-252 as metallic pellets or wire.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 209 of the IAEA regulations¹ shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires September 1, 2005.

This certificate is issued in accordance with paragraph 703 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the petition and information dated July 19, 2000 and August 27, 2000 submitted by Gammatron, Inc., Houston, TX, and in consideration of other information on file in this Office.

Certified by:


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

SEP - 1 2000

(DATE)

Revision 4 - Issued to extend the expiration date.

1 "Safety Series No. 6, Regulations for the Safe Transport of Radioactive Materials, 1985 Edition, as amended 1990", published by the International Atomic Energy Agency (IAEA), Vienna, Austria.

2 Title 49, Code of Federal Regulations, Parts 100 - 199, United States of America.

A .250" \pm .010

B .50" min. 1.250" max.

Threads, taps, or handling buttons may be added.

C .060 min. Minimum thickness applies.

D .028 minimum

E .190 maximum

F B minus D + C

G .20 minimum

H .028 minimum

I

J .20 maximum

USE THIS DRAWING WITH SPECIFICATION
SHEET SS-3000

GAMMATRON

SCALE: NONE

APPROVED BY

DRAWN BY

DATE:

DCJ

GT-GHP

SIZE — .250 x .5 through 1.25

DRAWING NUMBER

A-3000

